

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004472.D
 Acq On : 11 Sep 2018 18:20
 Operator : JC/MD
 Sample : VX0911WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:43 AM

Quant Time: Sep 12 07:02:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 15:21:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354654	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164054	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	5.50	113	142024	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	
50) Toluene-d8	8.72	98	540304	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.14	95	195512	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52013	22.89	ug/l	99
3) Chloromethane	1.32	50	68343	21.86	ug/l	96
4) Vinyl Chloride	1.40	62	69833	21.76	ug/l	97
5) Bromomethane	1.64	94	37997	27.75	ug/l	100
6) Chloroethane	1.71	64	42533	20.50	ug/l	99
7) Trichlorofluoromethane	1.92	101	88778	20.87	ug/l	94
8) Diethyl Ether	2.19	74	40179	21.07	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56793	21.04	ug/l	100
10) Methyl Iodide	2.51	142	48777	18.09	ug/l	100
11) Tert butyl alcohol	3.07	59	80405	107.81	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56085	22.14	ug/l	90
13) Acrolein	2.29	56	34836	118.33	ug/l	94
14) Allyl chloride	2.73	41	111080	21.33	ug/l	95
15) Acrylonitrile	3.15	53	191192	106.45	ug/l	99
16) Acetone	2.45	43	156920	102.86	ug/l	96
17) Carbon Disulfide	2.57	76	154394	21.09	ug/l	98
18) Methyl Acetate	2.78	43	90323	21.10	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	189597	21.33	ug/l	96
20) Methylene Chloride	2.85	84	64006	20.45	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	59512	21.26	ug/l	100
22) Diisopropyl ether	3.87	45	202446	21.59	ug/l	92
23) Vinyl Acetate	3.82	43	830909	109.48	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	115995	21.91	ug/l	97
25) 2-Butanone	4.71	43	243999	100.50	ug/l	97
26) 2,2-Dichloropropane	4.57	77	74854	20.58	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65367	20.92	ug/l	97
28) Bromochloromethane	5.02	49	56293	23.24	ug/l	92
29) Tetrahydrofuran	5.16	42	160245	109.44	ug/l	96
30) Chloroform	5.22	83	107473	20.79	ug/l	92
31) Cyclohexane	5.58	56	95160	21.05	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	86262	20.72	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76955	17.87	ug/l	99
37) Ethyl Acetate	4.86	43	92477	18.88	ug/l	97
38) Carbon Tetrachloride	5.78	117	73566	17.49	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90250	20.09	ug/l	94
40) Benzene	6.14	78	243890	19.09	ug/l	100
41) Methacrylonitrile	5.07	41	51363	19.04	ug/l	100
42) 1,2-Dichloroethane	6.20	62	80634	19.03	ug/l	99
43) Isopropyl Acetate	6.46	43	128690	19.79	ug/l	99
44) Trichloroethene	7.21	130	64640	19.48	ug/l	91
45) 1,2-Dichloropropane	7.52	63	62163	20.22	ug/l	100
46) Dibromomethane	7.66	93	39958	20.58	ug/l	97
47) Bromodichloromethane	7.90	83	72643	19.78	ug/l	100
48) Methyl methacrylate	7.78	41	66496	20.66	ug/l	97
49) 1,4-Dioxane	7.76	88	31643	415.34	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	440932	96.06	ug/l	97
52) Toluene	8.79	92	148041	19.67	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	80098	18.67	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	89118	20.38	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60037	18.53	ug/l	97
56) Ethyl methacrylate	9.18	69	86134	18.79	ug/l	98
57) 1,3-Dichloropropane	9.37	76	101482	19.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	230195	102.95	ug/l	94
59) 2-Hexanone	9.50	43	339016	96.29	ug/l	96
60) Dibromochloromethane	9.59	129	58624	19.21	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62019	20.03	ug/l	99
64) Tetrachloroethene	9.34	164	74178	17.51	ug/l	98
65) Chlorobenzene	10.14	112	163553	19.41	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	56879	19.57	ug/l	100
67) Ethyl Benzene	10.26	91	274560	20.04	ug/l	98
68) m/p-Xylenes	10.36	106	215470	40.82	ug/l	97
69) o-Xylene	10.70	106	102919	20.28	ug/l	99
70) Styrene	10.71	104	171825	20.44	ug/l	98
71) Bromoform	10.86	173	44766	18.76	ug/l #	99
73) Isopropylbenzene	11.02	105	277584	20.96	ug/l	99
74) N-amyl acetate	10.90	43	113572	20.38	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	86674	20.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82148m	20.91	ug/l	
77) Bromobenzene	11.26	156	74553	20.37	ug/l	97
78) n-propylbenzene	11.36	91	319441	20.98	ug/l	99
79) 2-Chlorotoluene	11.42	91	190259	20.60	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233121	20.94	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	24549	19.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	223237	20.71	ug/l	100
83) tert-Butylbenzene	11.77	119	219999	20.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	242836	21.36	ug/l	98
85) sec-Butylbenzene	11.94	105	283131	20.96	ug/l	98
86) p-Isopropyltoluene	12.07	119	250855	21.03	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	137184	20.09	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137952	19.55	ug/l	98
89) n-Butylbenzene	12.39	91	213233	19.62	ug/l	98
90) Hexachloroethane	12.60	117	37353	19.56	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	136081	19.69	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18726	20.53	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97054	19.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	49056	19.19	ug/l	97
95) Naphthalene	13.83	128	285211	20.78	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99261	19.74	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

